

Title (en)
STACK FOR A SOLID OXIDE FUEL CELL USING A FLAT TUBULAR STRUCTURE

Title (de)
FESTOXIDBRENNSTOFFZELLENSTAPEL MIT FLACHER RÖHRENSTRUKTUR

Title (fr)
BLOC POUR UNE PILE À COMBUSTIBLE À OXYDE SOLIDE UTILISANT UNE STRUCTURE TUBULAIRE PLATE

Publication
EP 2424028 A4 20130724 (EN)

Application
EP 10767233 A 20100415

Priority
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Abstract (en)
[origin: EP2424028A2] The preset invention relates to a solid oxide fuel cell stack capable of producing electricity, in which unit cell modules are connected in series and in parallel, and to a manufacturing method thereof The solid oxide fuel cell stack is manufactured by: making a unit cell module comprising at least one unit cell formed on the outer surfaces of a flat tubular support, a first electrical interconnector formed on the front end of the support and at least a portion of the outer surfaces so as to be connected to a first electrode of the unit cell, and a second electrical interconnector formed on the rear end of the support and at least a portion of the outer surfaces so as to be connected to a second electrode of the unit cell; and stacking the unit cell modules such that the electrical interconnectors come into contact with each other.

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Citation (search report)
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